VFI 1000-3000 TG/ TGB/ TGS

- **Human Interface Device** (HID) supported
- An **All-Rounder** series
- It **supports** AC **Generators**
- It includes an **Intelligent Slot**

- Available with an **Ext. Battery Port** (TGB/ TGS)
- Available with a **Stronger Charger** (TGS)

Variation dependent

The PowerWalker VFI TG/ TGB/ TGS is a professional and versatile online UPS solution for almost all single-phase applications (suitable for security systems for kiosks, ATMs and as well as high-level security systems, where additional software is not allowed (i.e. banking).

The UPS is available in **3 different variations**:

TG: only with **internal batteries** for regular backup times.

TGB: with **internal batteries and connection for** external battery packs for extended autonomy times.

TGS: without internal batteries, but **with a** stronger charger **for external battery packs and big capacity batteries** (non-series batteries).

Thanks to the double converter technology, the UPS offers the best protection for sensitive systems. Additionally, the functionality is enhanced by a variety of communication options, such as HID, PowerWalker WinPower software or network cards.

General Features	TG	TGB	TGS	TG	TGB	TGS	TG	TGB	TGS
Power Capacity	1000VA/ 900W			2000VA/ 1800W			3000VA/ 2700W		
Output Power Factor	0.90								
LINE Mode Full Load	89.0%			90.0%			90.0%		
Ext. Battery Connection	No	Yes		No	Yes		No	Yes	
Charger	1.5A		1.5A - 6A	1.5A		1.5A - 6A	1.5A		1.5A - 6A
Input Specifications	**Values**								
Input Voltage Range	176-300 VAC or 80x285 VAC in Bypass Mode								
Frequency (Synchronized Range)	40Hz - 70Hz								
Input Type	IEC C14 or IEC C14[UK]			IEC C14 or IEC C14[UK]			IEC C20 or IEC C20[UK]		
Output Specifications	**Values**								
Nominal Output Voltage	220/230/240 VAC								
Voltage Regulation	+/- 2%								
Frequency (Battery Mode)	+/- 0.5Hz								
Outlets	IEC C13 (**4**)		IEC C13 (**3**)	IEC C13 (**4**)		IEC C13 (**6**)	IEC C13 (**4**) + IEC C19 (**1**)		IEC C13 (**3**) + Terminal (**1**)
Battery Specifications	**Values**								
Batteries	2 x 12V/ 9Ah		Ext. Battery	4 x 12V/ 9Ah		Ext. Battery	6 x 12V/ 9Ah		Ext. Battery
DC Voltage	2 x 12V		-	4 x 12V		-	6 x 12V		-
Recharge Time	4h to 90%								
Full Load Backup Time	3.7 min		-	3.8 min		-	3.9 min		-
Half Load Backup Time	10.5 min		-	11 min		-	11.7 min		-
Transfer Time [AC to Battery]	0 ms								
Transfer Time [Inverter to Bypass]	4 ms								

VFI 6K-10K TGB/ TGS

TGB Series TGS Series

- **Unity Power Factor 1.0** (kVA = kW)
- **Multiple Accessories** are available
- **Wide input voltage** range for all environments
- Includes an **Intelligent Slot**

Available with a **Stronger Charger** (TGS)

Variation dependent

The PowerWalker VFI 6k-10k TGB/ TGS is a professional series for commercial applications featuring Unity Power Factor (PF=1.0), a wide input voltage range and high efficiency (up to 95%).

The UPS is available in **2 different variations**:

TGB: with **internal batteries and connection for** external battery packs for extended autonomy times.

TGS: without internal batteries, but **with a** stronger charger **for external battery packs and big capacity batteries** (non-series batteries).

General Features	TGB	TGS	TGB	TGS
Power Capacity	6000VA/ 6000W		10000VA/ 10000W	
Output Power Factor	1.0			
LINE Mode Full Load	95.0%			
Parallel Work (Units)	Up to 3 of the same size			
Charger	0-4A [1.4A]	0-12A [4A]	0-4A [2A]	0-12A [4A]
Input Specifications	**Values**			
Input Voltage Range	160-276 VAC at 100% Load | 110-160 VAC at 50% Load			
Frequency (Synchronized Range)	45Hz - 55Hz at 50Hz or 54Hz - 66Hz at 60Hz			
Input Type	Terminal			
Output Specifications	**Values**			
Nominal Output Voltage	208/220/230/240 VAC			
Voltage Regulation	+/- 1%			
Frequency (Battery Mode)	+/- 1Hz			
Outlets	Terminal			
Battery Specifications	**Values**			
Batteries	16 x 12V/ 7Ah	Ext. Battery	16 x 12V/ 9Ah	Ext. Battery
DC Voltage	16 x 12V			
Recharge Time	4h to 90%	-	4h to 90%	-
Full Load Backup Time	4 min	-	2 min	-
Half Load Backup Time	11 min	-	8 min	-
Transfer Time [AC to Battery]	0			
Transfer Time [Inverter to Bypass]	0			